

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104086.D
 Acq On : 30 Mar 2018 7:55
 Operator : JU/SJ
 Sample : J2113-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032618-TIDO-E-U-B

Quant Time: Mar 30 08:38:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

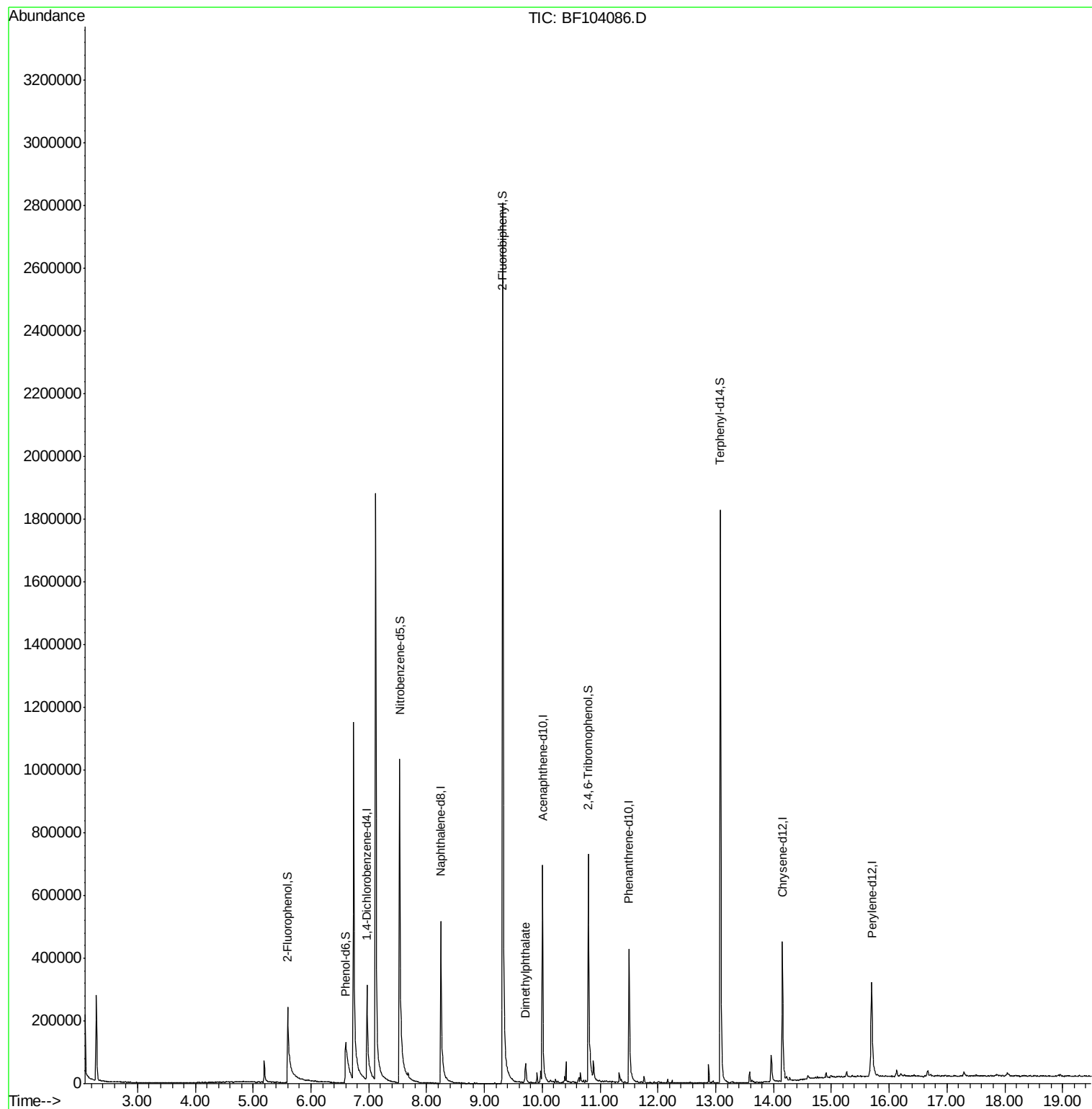
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	106546	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	436162	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	183756	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	273974	20.00	ng	0.00
75) Chrysene-d12	14.15	240	231584	20.00	ng	0.00
86) Perylene-d12	15.70	264	217789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	230747	34.54	ng	0.00
7) Phenol-d6	6.60	99	182907	22.25	ng	0.00
23) Nitrobenzene-d5	7.53	82	658241	92.29	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	147281	71.98	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1227449	105.33	ng	0.00
78) Terphenyl-d14	13.08	244	798292	79.59	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	43696	3.012	ng	99

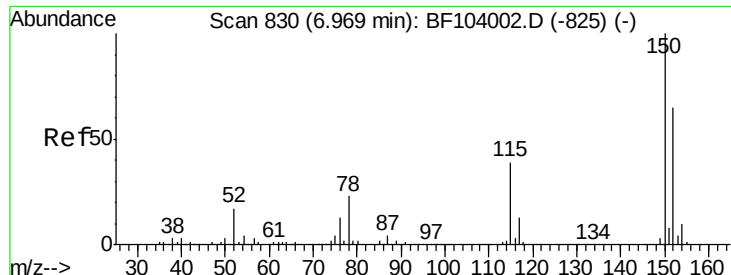
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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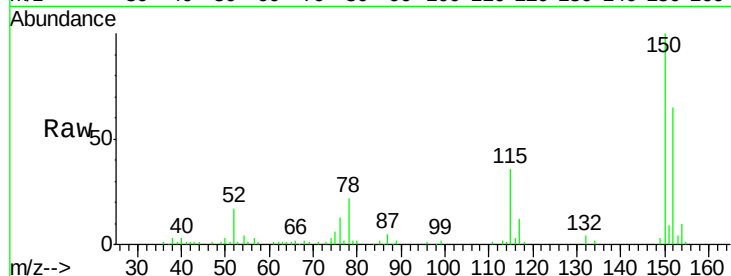


#1

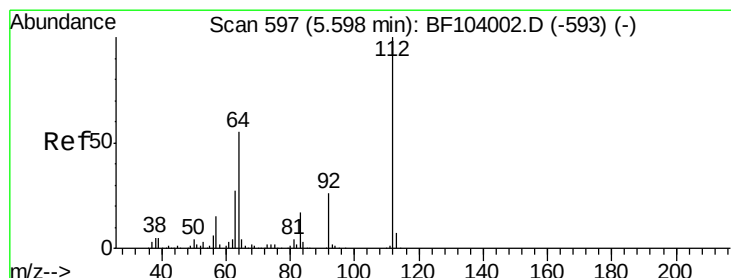
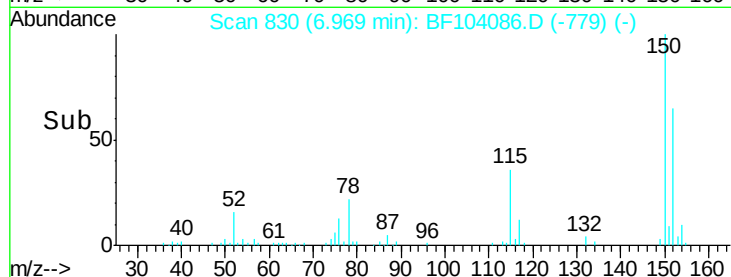
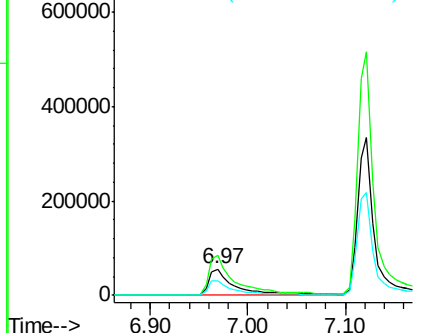
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104086.D
 Acq: 30 Mar 2018 7:55

Instrument :
 BNA_F
 ClientSampleId :
 032618-TIDO-E-U-B

Tot Ion:152 Resp: 106546
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 55.5 50.1 75.1



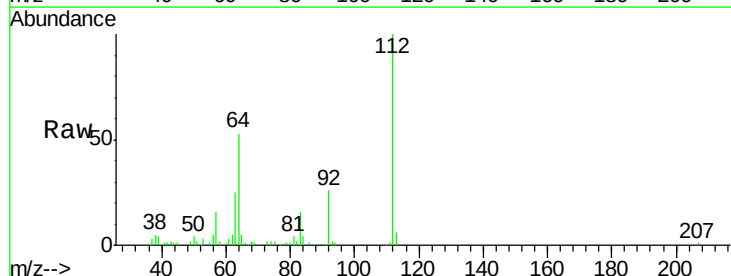
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



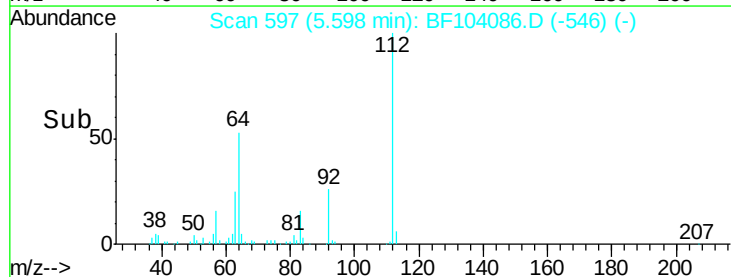
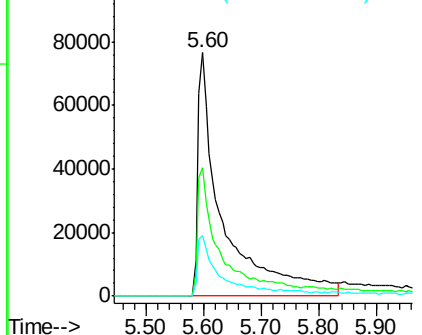
#5

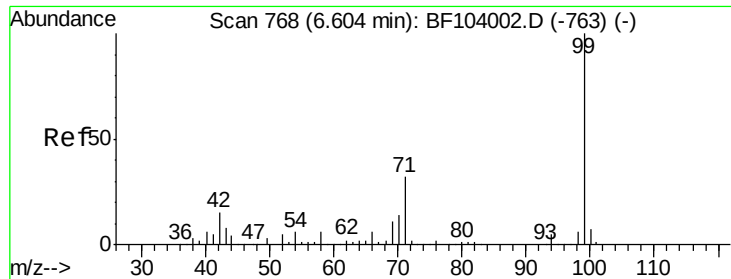
2-Fluorophenol
 Concen: 34.537 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF104086.D
 Acq: 30 Mar 2018 7:55

Tgt Ion:112 Resp: 230747
 Ion Ratio Lower Upper
 112 100
 64 52.6 47.9 71.9
 63 25.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.252 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104086.D

Acq: 30 Mar 2018 7:55

Instrument :

BNA_F

ClientSampleId :

032618-TIDO-E-U-B

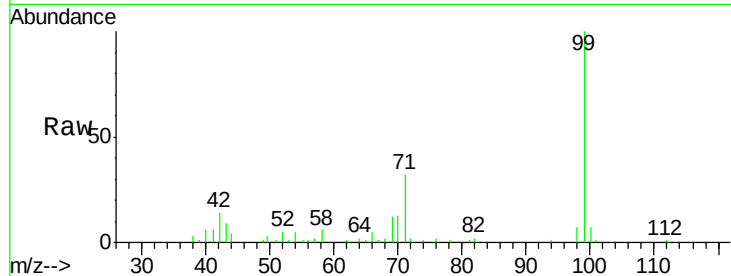
Tot Ion: 99 Resp: 182907

Ion Ratio Lower Upper

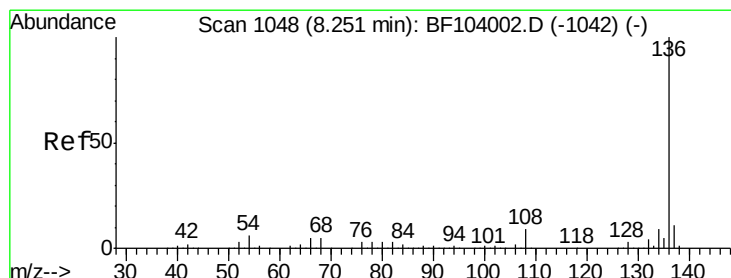
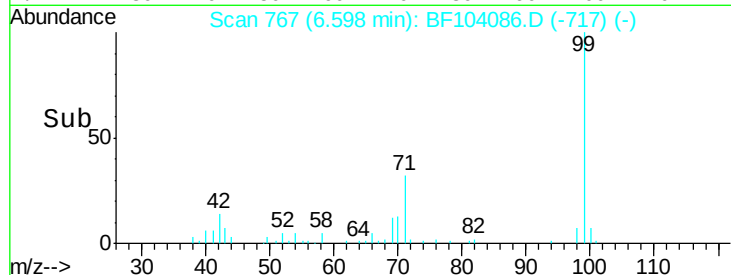
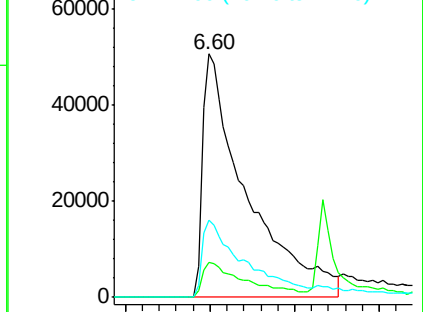
99 100

42 14.4 14.5 21.7#

71 31.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104086.D

Acq: 30 Mar 2018 7:55

Tgt Ion: 136 Resp: 436162

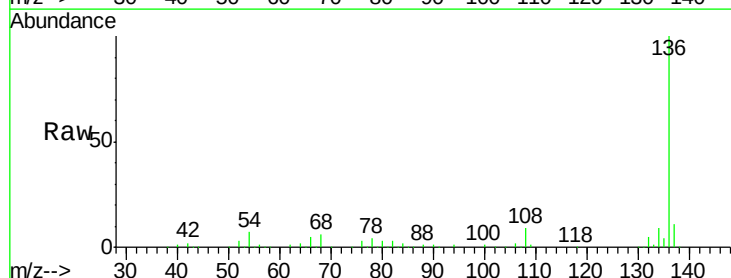
Ion Ratio Lower Upper

136 100

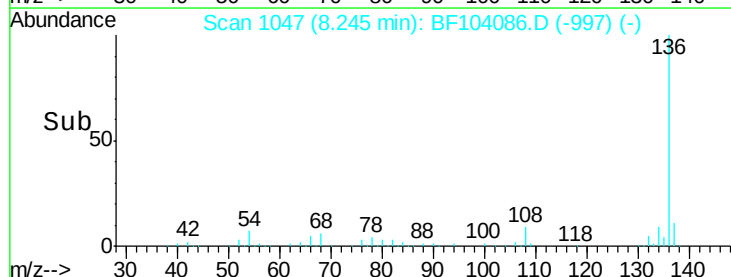
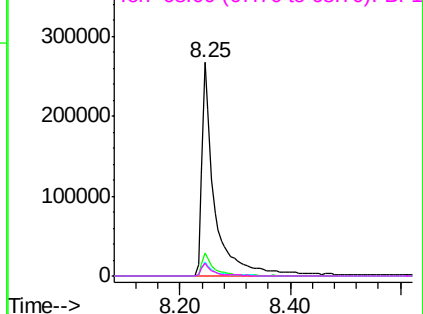
137 11.0 8.9 13.3

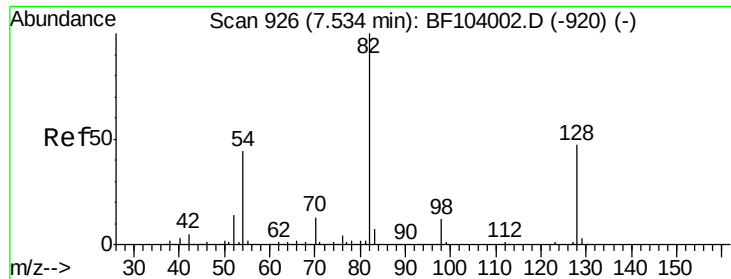
54 6.9 6.6 9.8

68 6.0 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

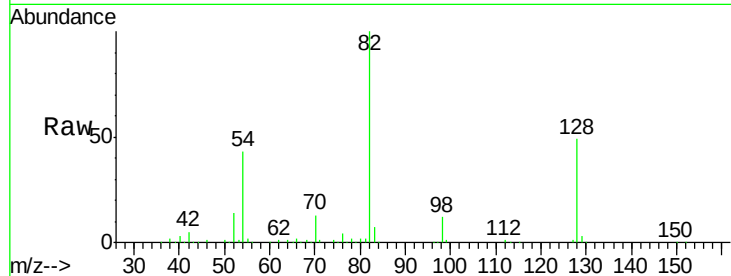




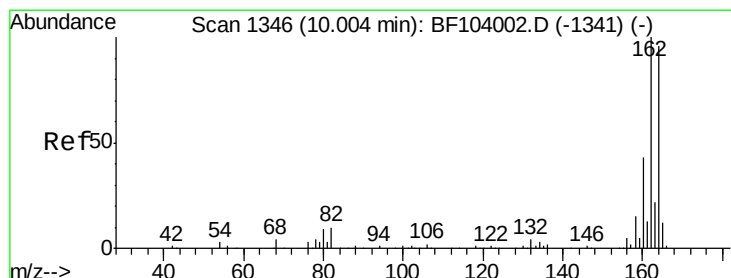
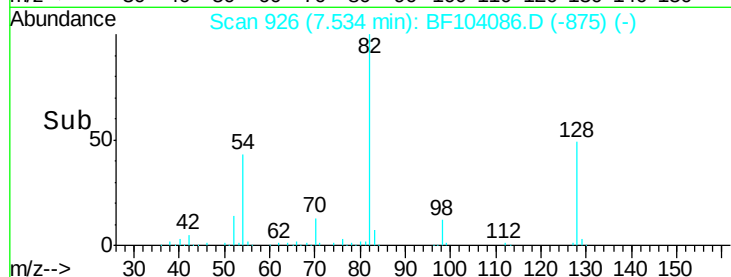
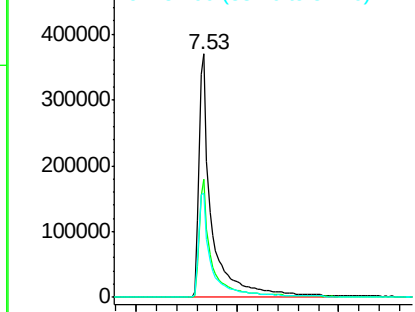
#23
Nitrobenzene-d5
Concen: 92.294 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

Instrument :
BNA_F
ClientSampleId :
032618-TIDO-E-U-B

Tot Ion: 82 Resp: 658241
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 43.0 41.4 62.2

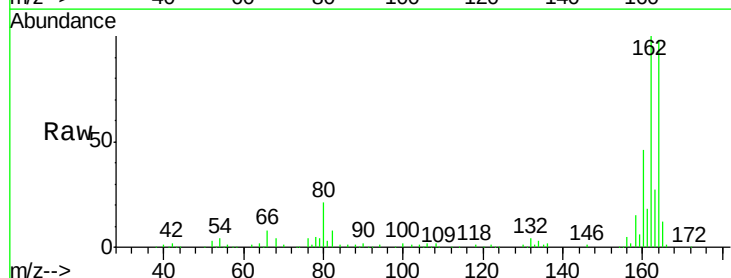


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

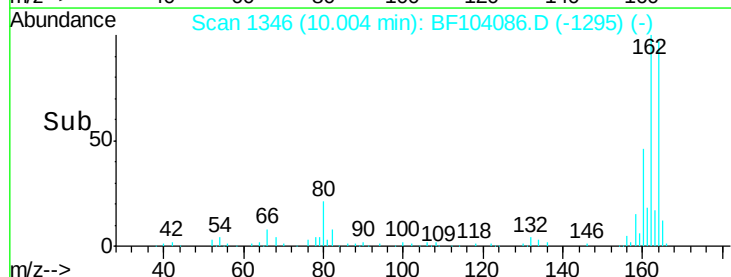
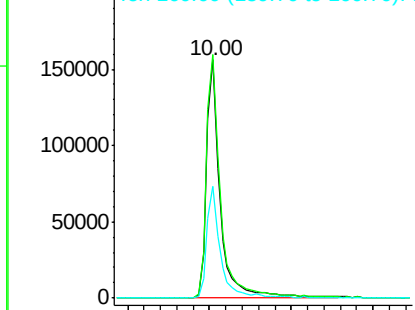


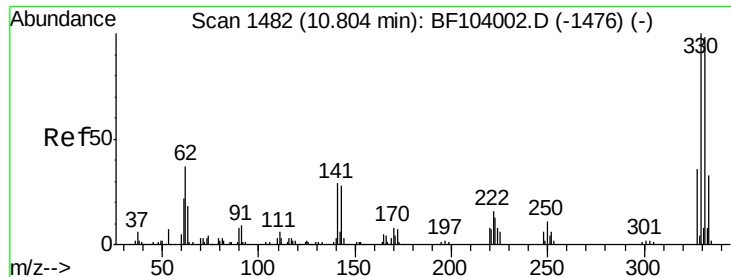
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

Tgt Ion:164 Resp: 183756
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 46.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 71.980 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF104086.D

Acq: 30 Mar 2018 7:55

Instrument :

BNA_F

ClientSampleId :

032618-TIDO-E-U-B

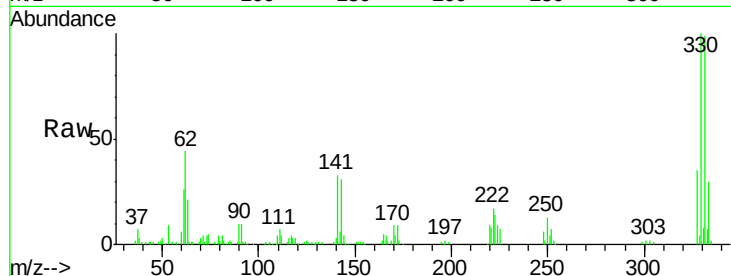
Tot Ion:330 Resp: 147281

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

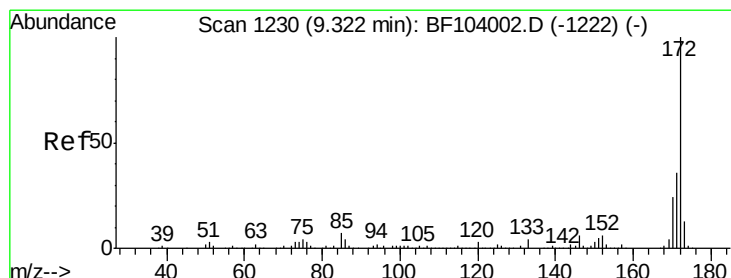
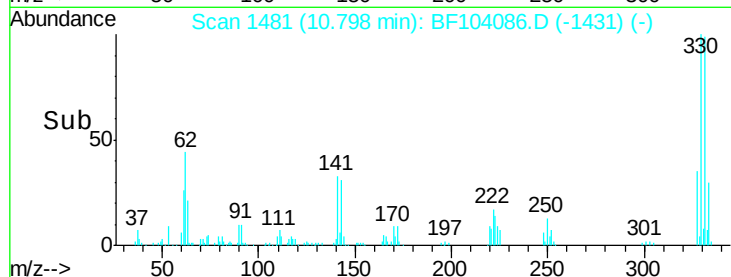
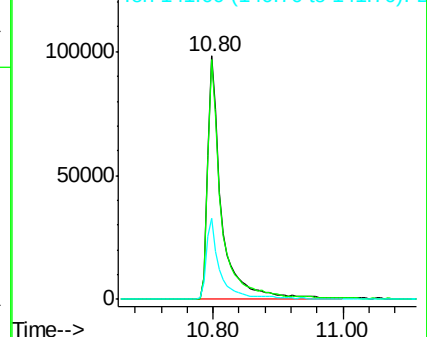
141 30.9 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 105.334 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF104086.D

Acq: 30 Mar 2018 7:55

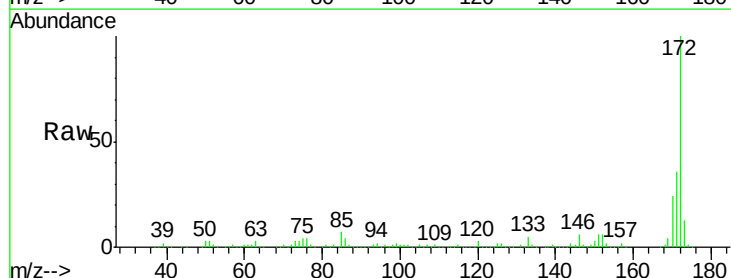
Tgt Ion:172 Resp: 1227449

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

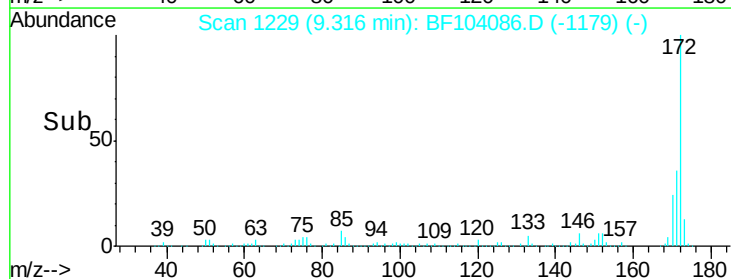
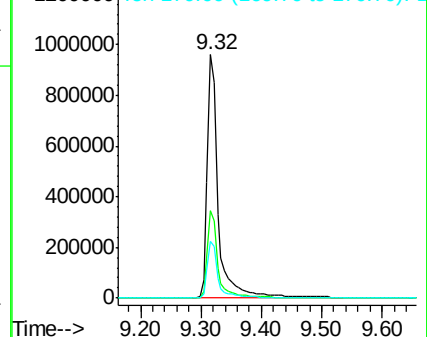
170 23.6 19.6 29.4

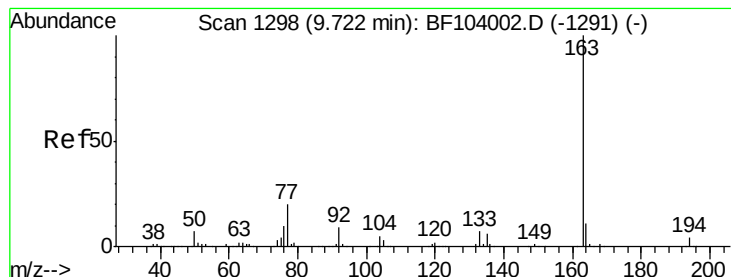


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.012 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104086.D

Acq: 30 Mar 2018 7:55

Instrument :

BNA_F

ClientSampleId :

032618-TIDO-E-U-B

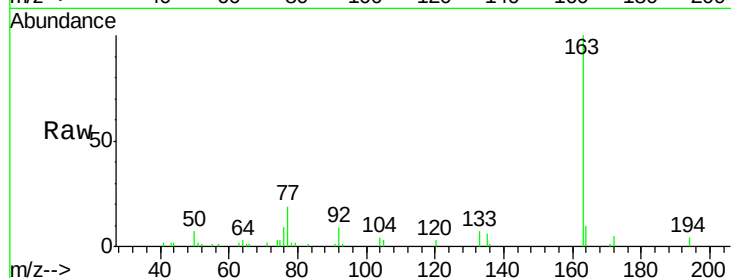
Tot Ion:163 Resp: 43696

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

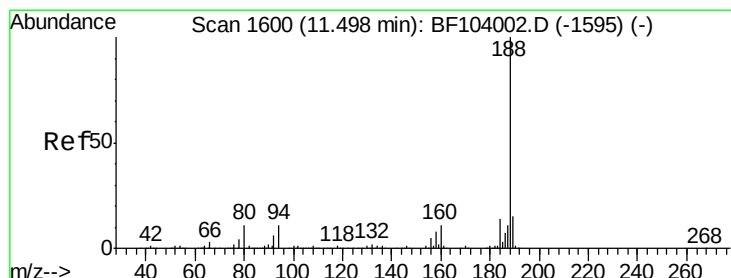
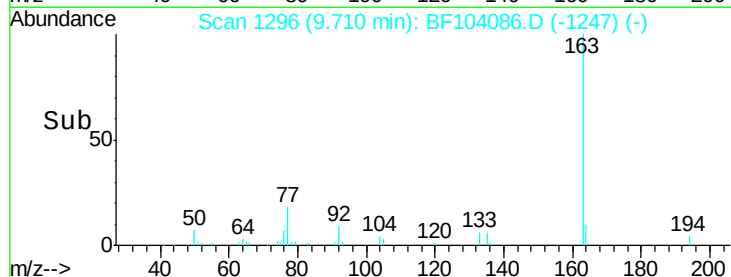
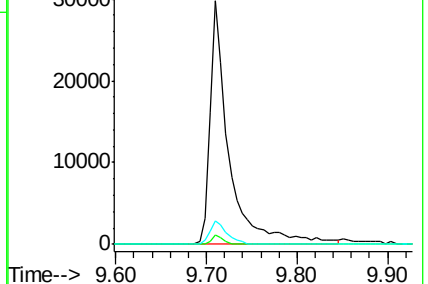
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104086.D

Acq: 30 Mar 2018 7:55

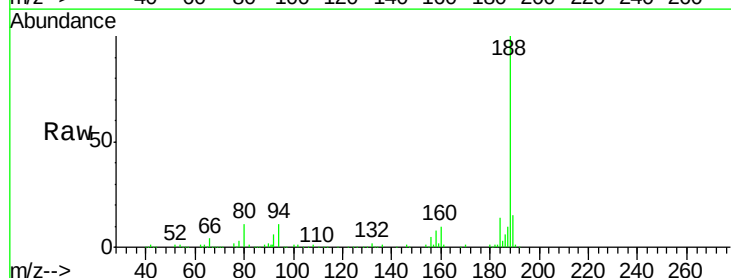
Tgt Ion:188 Resp: 273974

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

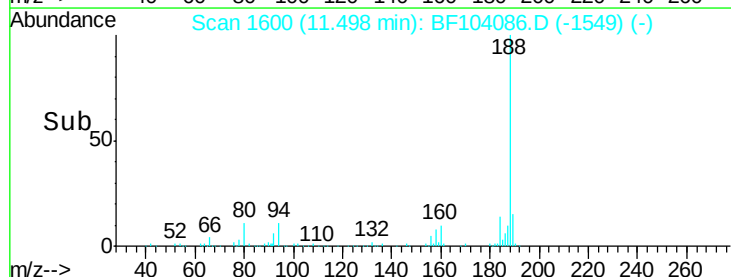
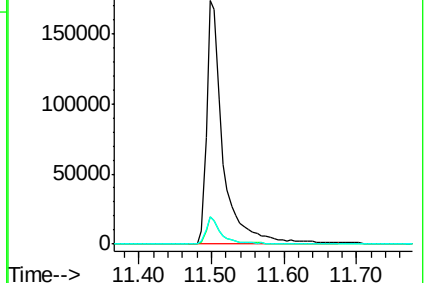
80 11.1 9.2 13.8

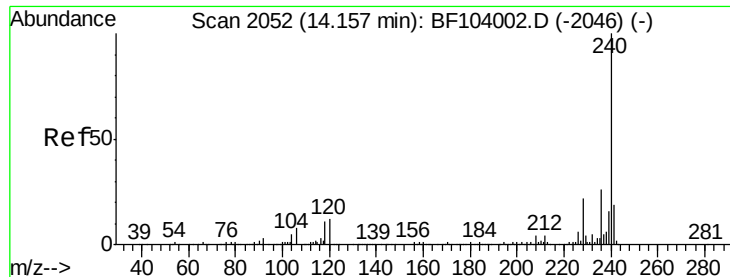


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104086.D

Acq: 30 Mar 2018 7:55

Instrument :

BNA_F

ClientSampleId :

032618-TIDO-E-U-B

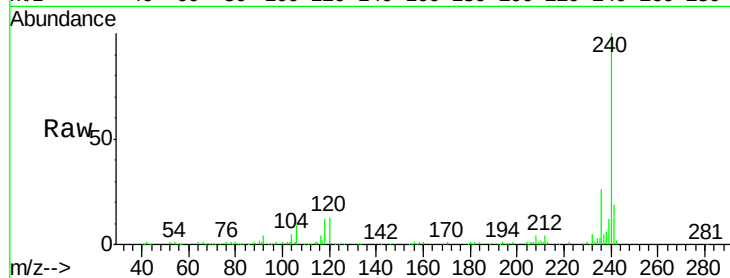
Tot Ion:240 Resp: 231584

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

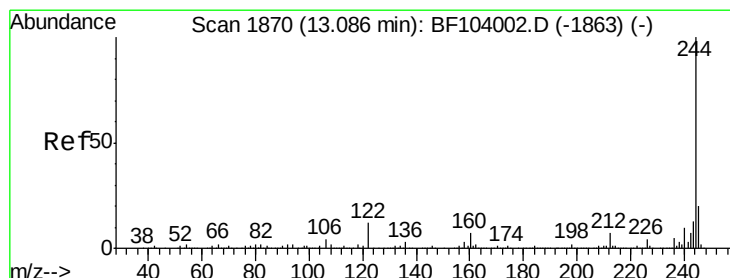
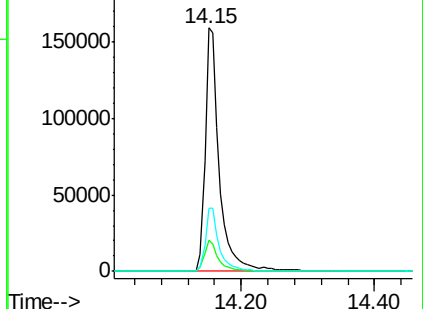
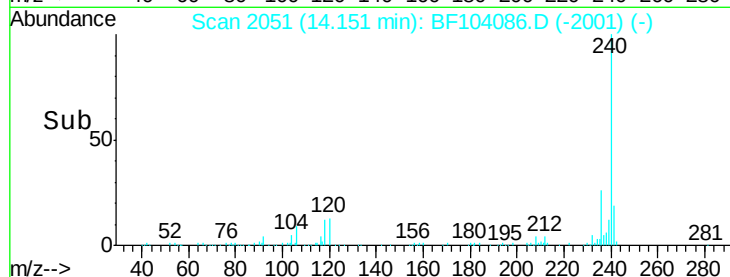
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 79.592 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104086.D

Acq: 30 Mar 2018 7:55

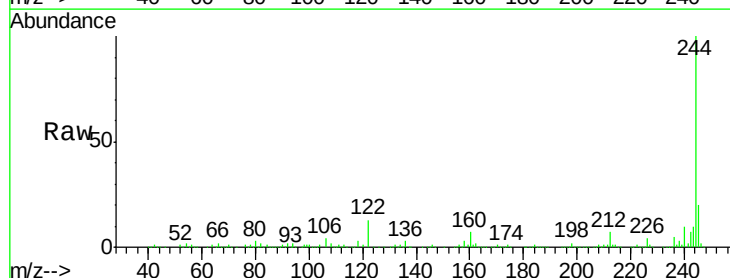
Tgt Ion:244 Resp: 798292

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

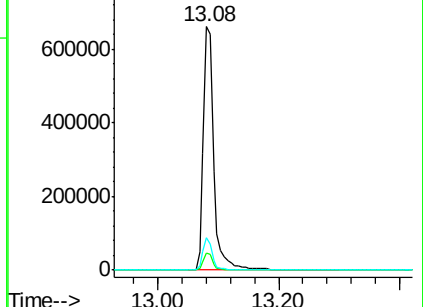
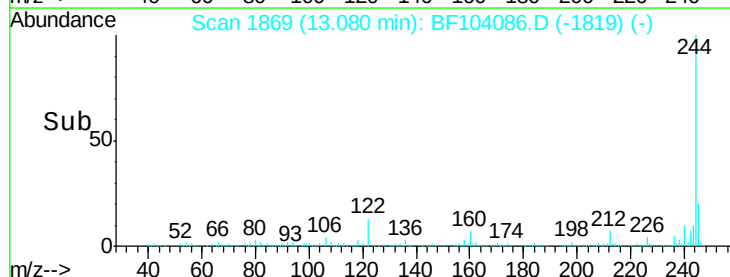
122 13.2 11.0 16.4

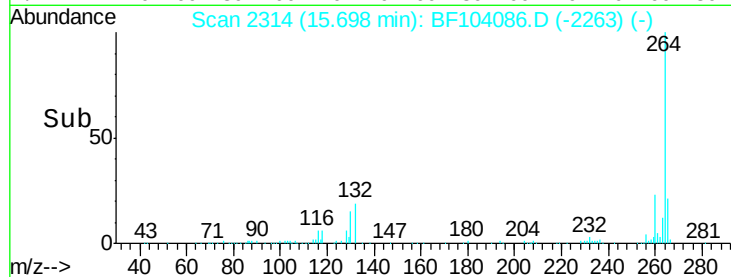
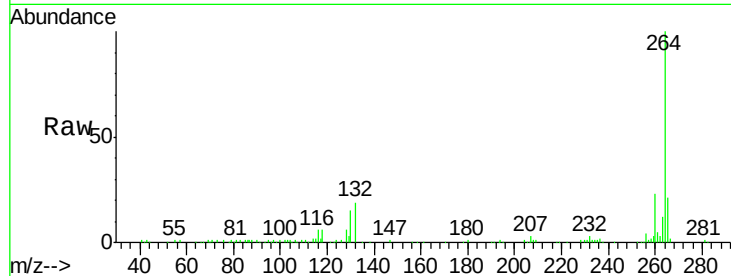
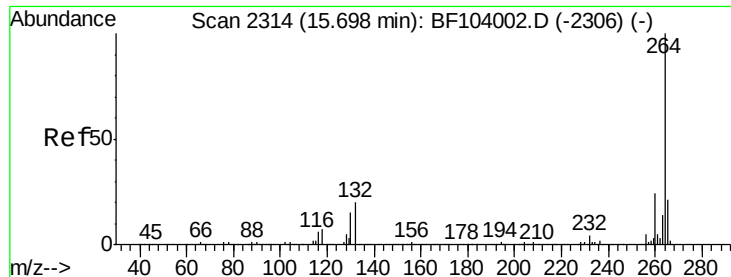


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104086.D
Acq: 30 Mar 2018 7:55

Instrument :
BNA_F
ClientSampleId :
032618-TIDO-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.5	26.3

